



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

May 6, 2015

65-42 WQS/RJB
Gene Yarkie
Singleton Stone
PO Box 506
Goshen, IN 46527

Dear Mr Yarkie:

Re: **Notice of Sufficiency**
INR10J899
Singleton Stone Quarry

Lake County

The Notice of Intent (NOI) letter submitted for the project referenced above has been reviewed by the Indiana Department of Environmental Management (IDEM) to determine compliance with the requirements of the National Pollutant Discharge Elimination System (NPDES) General Permit for storm water discharge associated with construction activity (327 IAC 15-5). The items contained in the NOI are sufficient. This letter is being issued for 327 IAC 15-5 and does not constitute approval to conduct activities that are related to other local, state, or federal permits. This facility will also require additional permits for the proposed industrial activities. Based on a description of the operations, it was determined that the facility will be required to obtain permit coverage under 327 IAC 15-6 (Industrial Storm Water) and 327 IAC 15-12 (Sand, Gravel, Dimension Stone, or Crushed Stone Operations). These permits must be obtained prior to the mining the dimensional stone. In addition, there are several stream crossings proposed. These crossings will require a 401 Water Quality Certification. Marty Maupin, Wetlands Project Manager is currently coordinating this activity of behalf of the agency.

An NPDES general permit identification number has been assigned to this project. This number and the above referenced project name should be included on any correspondence or amended NOI information submitted to IDEM pertaining to this project. The general permit number assigned to this project is: **INR10J899**.

It is important that all activities associated with your site are in compliance with the requirements of 327 IAC 15-5 (Rule 5) and any local storm water permits. In accordance with 327 IAC 15-5-10, you are required to implement your construction plan, implement and maintain all storm water quality measures, and monitor the effectiveness of the storm water quality measures until the project is complete.



**RULE 5 - NOTICE OF INTENT (NOI)**

State Form 47487 (R5 / 10-05)
Indiana Department of Environmental Management
Office of Water Quality
Approved by State Board of Accounts, 2005

Type of Submittal (Check Appropriate Box):

☒ Initial ☐ Amendment ☐ Renewal

Permit Number:

102103899

(Note: The initial submittal does not require a permit number; the Department will assign a number. A permit number is required when filing an amendment, applying for renewal, or correspondence related to this permit).

Note: Submission of this Notice of Intent letter constitutes notice that the project site owner is applying for coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit Rule for Storm Water Discharges Associated with Construction Activity. Permitted project site owners are required to comply with all terms and conditions of the General Permit Rule 327 IAC 15-5 (Rule 5).

Project Name and Location

Project Name:

Singleton Stone Quarry

County:

Lake

Brief Description of Project Location:

400 acre Site Development of a Limestone Mineral Quarry located at 18900 Clay Street at the NWC of Clay Street and the Singleton Ditch within a 600 acre parcel.

Project Location: Describe location in Latitude and Longitude (Degrees, Minutes, and Seconds or Decimal representation) and by legal description (Section, Township, and Range, Civil Township)

Latitude:

41 deg, 16 min, 19 sec North

Longitude:

87 deg, 16 min, 59 sec WestQuarter: **NE, NW & SW**Section: **36**Township: **33 N** Range: **8 W**Civil Township: **Eagle Creek**

Does ☒ all or ☐ part of this project lie within the jurisdictional boundaries of a Municipal Separate Storm Sewer System (MS4) as defined in 327 IAC 15-13?
☒ Yes ☐ No If yes, name the MS4(s):

Lake County**Project Site Owner and Project Contact Information**

Company Name (If Applicable):

Lake County Trust Co., Trustee under Trust #5240 & Van Kalker Limited Partnership

Project Site Owner's Name: (An Individual)

John VanKalker

Title/Position:

Beneficiary

Address:

2225 Van Kalker Drive

City:

Crete

State:

IL

ZIP Code:

60417

Phone:

FAX:

E-Mail Address: (If Available)

Ownership Status (check one):

Governmental Agency: ☐ Federal ☐ State ☐ Local Non-Governmental: ☐ Public ☒ Private ☐ Other: (Explain)

Contact Person:

Gene Yarkie

Company Name: (If Applicable)

Singleton Stone, LLC

Affiliation to Project Site Owner:

Lessee

Address: (if different from above)

P.O. Box 506

City:

Goshen

State:

IN

ZIP Code:

46527

Phone:

574-875-5183

FAX:

574-875-8405

E-Mail Address: (If Available)

eyarkie@rieth-riley.com**Project Information**

Project Description:

☐ Residential-Single Family ☐ Residential-Multi-Family ☒ Commercial ☐ Industrial ☒ Other: (Explain) **Mineral Quarry**

Name of Receiving Water:

Singleton Ditch

(Note: If applicable, name of municipal operator of storm sewer and the ultimate receiving water. If a retention pond is present on the property, the name of the nearest possible receiving water receiving discharge must be provided).

Project Acreage

Total Acreage: **600**Proposed Land Disturbance: (in acres) **400**Total Impervious Surface Area: (in square feet, estimated for completed project) **Quarry to be developed into +/- 150 ac lake at completion**

Project Duration

Estimated Start Date: **April 2015**Estimated End Date for all Land Disturbing Activity: **December 2064**

Construction Plan Certification

By signing this Notice of Intent letter, I certify the following:

- A. The storm water quality measures included in the Construction Plan comply with the requirements of 327 IAC 15-5-6.5, 327 IAC 15-5-7, and 327 IAC 15-5-7.5;
the storm water pollution prevention plan complies with all applicable federal, state, and local storm water requirements;
- C. the measures required under 327 IAC 15-5-7 and 327 IAC 15-5-7.5 will be implemented in accordance with the storm water pollution prevention plan;
- D. if the projected land disturbance is One (1) acre or more, the applicable Soil and Water Conservation District or other entity designated by the Department, has been sent a copy of the Construction Plan for review;
- E. storm water quality measures beyond those specified in the storm water pollution prevention plan will be implemented during the life of the permit if necessary to comply with 327 IAC 15-5-7; and
- F. implementation of storm water quality measures will be inspected by trained individuals.

In addition to this form, I have enclosed the following required information:

- ☒ Verification by the reviewing agency of acceptance of the Construction Plan.
- ☒ Proof of publication in a newspaper of general circulation in the affected area that notified the public that a construction activity is to commence, including all required elements contained in 327 IAC 15-5-5 (9). The Proof of Publication **Must** include company name and address, project name, address/location of the project, and the receiving stream to which storm water will be discharged. Following is a sample Proof of Publication:

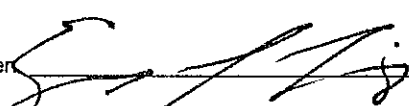
"XERT Development Inc. (10 Willow Lane, Indianapolis, Indiana 46206) is submitting a Notice of Intent to the Indiana Department of Environmental Management of our intent to comply with the requirements of 327 IAC 15-5 to discharge storm water from construction activities associated with Water Garden Estates located at 24 Washout Lane, Indianapolis, Indiana 46206. Runoff from the project site will discharge to the White River. Questions or comments regarding this project should be directed to Walter Water of XERT Development Inc."

- ☒ \$100 check or money order payable to the Indiana Department of Environmental Management. A permit fee is required for all NOI submittals (initial and renewal). A fee is not required for amendments.

Project Site Owner Responsibility Statement

By signing this Notice of Intent letter, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information or violating the provisions of 327 IAC 15-5, including the possibility of fine and imprisonment for knowing violations.

Printed Name of Project Owner: GENE YARKIE

Signature of Project Owner: 

Date: 1/8/14

This Notice of Intent **must** be signed by an individual meeting the signatory requirements in 327 IAC 15-4-3(g). All NOI submittals must include an original signature (FAX and photo copies are not acceptable).

Note: Within 48 hours of the initiation of construction activity, the project site owner must notify the appropriate plan review agency and IDEM, Office of Water Quality of the actual project start date if it varies from the date provided above.

Note: A permit issued under 327 IAC 15-5 is granted by the commissioner for a period of five (5) years from the date coverage commences. Once the five (5) year permit term duration is reached, a general permit issued under this rule will be considered expired, and as necessary for construction activity continuation, a new Notice of Intent letter (Renewal) is required to be submitted ninety (90) days prior to the termination of coverage. The submittal must include the NOI Letter, Proof of Publication, Fee, and verification that the plan for the project was approved (original verification of plan approval is acceptable provided the scope of the project has not changed from the original submittal).

Mail this form to: Indiana Department of Environmental Management
Cashiers Office - Mail Code 50-10C
100 North Senate Avenue
Indianapolis, IN 46204-2251

327 IAC 15-5-6 (a) also requires a copy of the completed Notice of Intent letter be submitted to the local Soil and Water Conservation District or other entity designated by the Department, where the land disturbing activity is to occur.

Questions regarding the development or implementation of the Construction Plan/Storm Water Pollution Prevention Plan should be directed to the local county Soil and Water Conservation District (SWCD). If you are unable to reach the SWCD or have other questions please direct those inquiries to the IDEM Rule 5 Coordinator at 317/233-1864 or 800/451-6027 ext.3-1864.

Information and forms visit: <http://www.in.gov/idem/permits/water/wastewater/wetwthr/storm/rule5.html>



Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307
Phone: (219) 755-3745 • Fax: (219) 755-3750

Bill Emerson, Jr.
County Surveyor

6-A

NOTICE OF ACTION Application No. 259-11-13-I-II-III

August 13, 2014

A. Keith Rose
SINGLETON STONE, LLC
p.o. Box 506
Goshen, IN 46527

DEAR PETITIONER:

THIS NOTICE IS TO INFORM YOU THAT YOUR PETITION OR REQUEST FOR

A. Applicant: Singleton Stone LLC – Agent: DVG, Inc.

1. Singleton Ditch, Eagle Creek Twp.

Application to Perform Work, Connect/Discharge into, and Place Permanent Structure within Regulated Drain and Compensatory Storage plans associated with Floodplain fill for the purpose of the development of a Limestone Quarry within the Singleton Ditch.

2. Dinwiddie Ditch, Eagle Creek Twp.

Application to Perform Work and Connect/Discharge into Regulated Drain associated for the purpose of the development of a Limestone Quarry within the Dinwiddie Ditch.

WAS CONSIDERED BY THE DRAINAGE BOARD AT A MEETING ON THE 13th DAY OF AUGUST 2014 WITH THE FOLLOWING ACTION:

____ APPROVED PETITION OR REQUEST.

X APPROVED PETITION OR REQUEST SUBJECT TO CONDITIONS LISTED ON ATTACHMENT #1.

____ CONTINUED PETITION OR REQUEST TO _____ MEETING.

____ DENIED PETITION OR REQUEST.

____ REMOVED FROM THE AGENDA. IF YOU WOULD LIKE TO REAPPLY TO THE DRAINAGE BOARD A NEW APPLICATION WILL NEED TO BE SUBMITTED, 14 DAYS PRIOR TO THAT MONTH'S MEETING.

____ PETITION NOT RELEASED DUE TO NON-PAYMENT OF APPLICATION FEE(S).

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CONTACT BILL EMERSON, JR. OR DAN GOSSMAN AT (219) 755-3745.

Mary Ellen Kupsik
MARY ELLEN KUPSIK
Lake County Drainage Board Secretary

CC: Attorney Jim Wieser

6-A-1
12-18-12

APPLICATION NO. 259-11-13-I-II-III

(Advisory and
Special DB Only)

APPLICATION FOR PERMISSION TO PERFORM THE FOLLOWING TASK(S) WITHIN A
REGULATED DRAIN
(PLEASE CHECK THE APPROPRIATE BOX)

RECEIVED

NOV 04 2013

LAKE COUNTY SURVEYOR

- ☒ I. WORK WITHIN A REGULATED DRAIN
- ☒ II. CONNECT/DISCHARGE INTO THE DRAIN/EASEMENT
- ☒ III. PLACE TEMPORARY/PERMANENT STRUCTURE IN THE DRAIN/EASEMENT
- ☐ IV. REDUCE EASEMENT FROM SEVENTY-FIVE (75) FEET

TO THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY, INDIANA;

(Name) SINGLETON STONE, LLC

HEREINAFTER CALLED APPLICANT, HEREBY MAKES APPLICATION TO THE LAKE COUNTY DRAINAGE BOARD TO PERFORM THE ABOVE DESCRIBED ACTIVITY WITHIN A REGULATED DRAIN AND/OR THE EASEMENT FOR A REGULATED DRAIN WHICH IS PART OF THE DRAINAGE SYSTEM FOR LAKE COUNTY, INDIANA.

THE LOCATION IS AS FOLLOWS:

NAME OF WATERWAY: SINGLETON DITCH

SECTION(s): 36 TOWNSHIP: 33 N RANGE: 8 W

ADDRESS OR DESCRIPTION OF LOCATION The northwest corner of the intersection of Singleton Ditch and Clay Street.

THE REQUEST IS TO CONSIST OF THE FOLLOWING ACTIVITIES:

- Permit the
1. Discharge of stormwater to Singleton Ditch
 2. Excavation/Grading within Singleton Ditch Easement
 3. Compensatory Storage Plan for Floodplain fill

THE PURPOSE OF THE REQUEST IS TO:

Permit a long term compensatory storage plan and drainage discharges into Singleton Ditch associated with the development of a limestone quarry. The quarry and site stormwater management facilities will provide flood control during high water conditions in Singleton Ditch.

1. THE APPLICANT HEREBY AGREES TO RESTORE THE LAND, DRAINAGE DITCHES AND ALL OTHER SURFACES AND/OR STRUCTURES WITHIN THE DITCH AND REGULATED DRAIN EASEMENT TO A CONDITION AS GOOD OR BETTER THAN THEY WERE PRIOR TO THE COMMENCEMENT OF THE WORK.

2. THE APPLICANT SHALL AND WILL INDEMNIFY AND HOLD HARMLESS ANY AND ALL COUNTY ENTITIES, INCLUDING BUT NOT LIMITED TO THE COUNTY OF LAKE, BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND/OR AGENTS FROM AND AGAINST ANY AND ALL DAMAGES, INJURIES, LOSSES, DEMANDS, OR COSTS PROXIMATELY CAUSED BY THE FAULT, CULPABILITY OR NEGLIGENCE OF THE APPLICANT IN THE PERFORMANCE OF THE PERMITTED WORK OVER AND ACROSS THE DRAINS OR DRAINAGE RIGHTS-OF-WAY UNDER THE JURISDICTION OF THE LAKE COUNTY DRAINAGE BOARD.

3. **IMPORTANT CLAUSE IN THIS PERMIT APPLICATION:** THE APPLICANT FURTHER AGREES TO NOTIFY THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR IN WRITING AT LEAST FIVE (5) DAYS IN ADVANCE OF THE COMMENCEMENT OF THE WORK DESCRIBED IN THIS APPLICATION, AND WILL ALSO GIVE NOTICE TO THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR THE DAY PRECEDING THE COMPLETION OF THE WORK. FAILURE TO PROVIDE SUCH NOTICE MAY CAUSE REVOCATION OF THE PERMIT(S) AND APPLICANT MAY INCUR PENALTIES. PLEASE SEND NOTICES TO: LAKE COUNTY DRAINAGE BOARD, ATTN: LAKE COUNTY DRAINAGE BOARD SECRETARY, 2293 N. MAIN STREET, CROWN POINT, IN 46307

4(a). THE APPLICANT AGREES TO AVOID CAUSING DAMAGE TO THE ESTABLISHED REGULATED DRAIN OR TO LANDOWNERS AFFECTED BY THE DRAIN, PURSUANT TO I.C.36-9-27-72(D).

4(b). FOR APPLICATIONS REGARDING THE PLACEMENT OF TEMPORARY STRUCTURES IN THE DRAIN'S EASEMENT (BOX III, PAGE 1), SUCH AS FENCES, TREES, GARDENS, SHEDS, ETC., THE APPLICANT UNDERSTANDS THAT, IF THE DRAINAGE BOARD GRANTS PERMISSION TO PLACE SAID TEMPORARY STRUCTURES WITHIN THE DRAINAGE EASEMENT, SAID PLACEMENT IS AT THE OWNER'S RISK. SHOULD THE COUNTY SURVEYOR/DRAINAGE BOARD, THEIR AGENTS, REPRESENTATIVES, CONTRACTORS OR OTHERS AT THE DIRECTION OF SAID COUNTY SURVEYOR/DRAINAGE BOARD, NEED ACCESS TO THE DRAIN OR EASEMENT AND THE STRUCTURE REQUIRES REMOVAL, THE OWNER SHALL REMOVE SAME AT THE OWNER'S EXPENSE. SHOULD THE OWNER FAIL TO REMOVE SAME IN A TIMELY FASHION, THEN THE COUNTY SURVEYOR/DRAINAGE BOARD SHALL CAUSE SAME TO BE REMOVED AND THE OWNER SHALL HAVE NO RECOURSE. AFTER COMPLETION OF THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S ACTIVITY, THE OWNER SHALL HAVE THE RIGHT TO REINSTALL THE TEMPORARY STRUCTURE IN COMPLIANCE WITH THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S REQUIREMENTS. THE COUNTY SURVEYOR/DRAINAGE BOARD MAY REQUIRE PAYMENT FROM THE OWNER FOR THE COST OF THE REMOVAL OR REPLACEMENT FOR ANY OF SAID ITEMS, PURSUANT TO STATUTE.

5. THE APPLICANT SHALL HAVE WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY STATE LAW.

6. THE APPLICANT SHALL PAY THE LAKE COUNTY SURVEYOR'S OFFICE AN APPLICATION FEE(S) PRIOR TO THE APPLICATION BEING CONSIDERED AT THE NEXT MONTHLY LAKE COUNTY DRAINAGE BOARD MEETING.

7. THE APPLICANT SHALL CARRY PUBLIC LIABILITY INSURANCE MEETING THE MAXIMUM DOLLAR LIMITS AS SPECIFIED IN I.C. 34-13-3-1 ET SEQ. OR ANY SUBSEQUENTLY ENACTED APPLICABLE STATUTES, AND SHALL LIST THE COUNTY OF LAKE, THE BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND AGENTS AS OTHER INSURED.

8. THIS PERMIT DOES NOT OBVIATE THE NEED TO OBTAIN ANY OTHER FEDERAL, STATE AND/OR LOCAL AUTHORIZATION, IF REQUIRED.

9 BY SUBMITTING THIS APPLICATION, THE APPLICANT HEREBY STATES THE FOLLOWING:


- A. THE PROPOSED WORK MEETS ALL HYDRAULIC REQUIREMENTS THAT WILL PERMIT THE DRAIN TO FUNCTION PROPERLY. (I.C. 36-9-37-72 (C)).
- B. THE REGULATED DRAIN IS ADEQUATE TO HANDLE THE ADDITIONAL FLOW OF WATER, IF ANY
- C. NO HARMFUL POLLUTION IS LIKELY TO RESULT. (I.C. 36-9-27-17(C)).

10. ENGINEERING PLANS, WHICH SUBSTANTIATE THE ABOVE STATEMENTS, MUST ACCOMPANY THIS APPLICATION. THESE PLANS MUST INCLUDE SUFFICIENT DETAIL TO ALLOW VERIFICATION OF THE ABOVE STATEMENTS. (THESE PLANS SHOULD GENERALLY INCLUDE DIMENSIONS, ELEVATIONS, CALCULATIONS, DESCRIPTIONS OR THE QUANTITIES AND TYPES OF MATERIAL TO BE USED, DISCHARGE CALCULATIONS AND OTHER RELEVANT INFORMATION.)

11. UPON COMPLETION OF THE WORK, "AS BUILT PLANS", SIGNED AND SEALED BY AN INDIANA REGISTERED PROFESSIONAL ENGINEER, SHALL BE FORWARDED TO THE LAKE COUNTY DRAINAGE BOARD WITHIN 30 DAYS.

12. THE DRAINAGE BOARD RESERVES THE RIGHT TO WAIVE ANY OF THE REQUIREMENTS STATED HEREON.

SUBMITTED: A. KEITH ROSE DATE: October 31, 2013
(PRINT OR TYPE NAME)


(SIGNATURE)

SUBMITTED FOR: SINGLETON STATE, LLC


ADDRESS P.O. Box 506
GOSHEN, IN 46527


PHONE#: 574-875-5183 EXT 20217

(THIS SECTION FOR DRAINAGE BOARD USE ONLY)

LAKE COUNTY DRAINAGE BOARD


Michael C. Repley, Chairman


Roosevelt Allen, Jr., Member


Richard McDevitt, Special Member

DATE: AUGUST 13, 2014 APPROVED: X DENIED: _____

SHOULD ANY APPLICATIONS BE SUBMITTED BY AN AGENT, CONSULTANT, ENGINEER, REPRESENTATIVE OR OTHERS PURPORTING TO ACT AS THE OWNER, THEN A POWER OF ATTORNEY SHALL BE DULY EXECUTED AND ATTACHED TO THESE APPLICATIONS. [SEE ATTACHMENT I]

APPROVAL SHALL BE VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF APPROVAL. SHOULD THE WORK AND ALL RELATED ACTIVITIES NOT BE COMPLETED BY THAT TIME, PETITIONER IS REQUIRED TO REAPPLY. SHOULD THE SCOPE OF WORK, PLANS AND SPECIFICATIONS, OR ACTIVITIES LISTED HEREIN BE MODIFIED, PETITIONER MUST NOTIFY THE LAKE COUNTY SURVEYOR AND THE DRAINAGE BOARD OF THESE MODIFICATIONS FOR REVIEW AND/OR APPROVAL/DENIAL BY THE COUNTY SURVEYOR/DRAINAGE BOARD.

"ATTACHMENT I"

IN THE MATTER OF: SINGLETON DITCH
(Name of Regulated Drain)

ON 600 ACRES LOCATED AT THE NW CORNER OF CLAY STREET &
(Location) THE SINGLETON DITCH

POWER OF ATTORNEY

(If Applicable)

That I, VAN KALKER FAMILY LIMITED, born _____, of
PARTNERSHIP, JIM NIESER - NIESER & WYLLIE
Indiana, do hereby make, constitute and appoint JEFF BAU - DVG INC.
GENE YAPKIE - REITH RILEY
KEITH ROSE - REITH RILEY, of _____, Indiana my true and
lawful attorney-in-fact, for me and in my name, place and stead to exercise the following:

To represent me in all matters pertaining to the attached Application/Petition, before the
Lake County Drainage Board;

To execute instruments required for said Application/Petition;

To do and perform each and every act and thing whatsoever requisite and necessary or proper to
be done in all matters affecting said Application/Petition, and with the same force and effect as though I
were personally present and acting for myself;

I do hereby ratify and confirm all that my attorney shall do or cause to be done, by virtue of this
power of attorney.

**Van Kalker Family Limited Partnership,
by Van Kalker Enterprises, Inc., its
sole General Partner**

STATE OF INDIANA)
COUNTY OF LAKE)

By: John E. Van Kalker
John E. Van Kalker, President

Subscribed and sworn to before me a Notary Public in and for _____ said County
and State came John E. Van Kalker, as President and acknowledged
the foregoing instrument this 11th day of November, 2013.

Commission Expires: November 25, 2016
Lake County Resident: Lake

Glen R. Patterson
Glen R. Patterson



"ATTACHMENT I"

IN THE MATTER OF: SINGLETON DITCH
 (Name of Regulated Drain)

ON 600 ACRES LOCATED AT THE NW CORNER OF CLAY STREET & THE
 (Location) SINGLETON DITCH

LIMITED
POWER OF ATTORNEY
 (If Applicable)

That I, LAKE COUNTY TRUST COMPANY, born _____, of
TRUST No. 5240, Indiana, do hereby make, constitute and appoint JIM WIESER - WIESER & WYLLIE
JEFF BAN - DVG INC.

GENE YARKE - REITH RILEY
KEITH ROSE - REITH RILEY, of _____, Indiana my true and

lawful attorney-in-fact, for me and in my name, place and stead to exercise the following:

To represent me in all matters pertaining to the attached Application/Petition, before the
 Lake County Drainage Board;

To execute instruments required for said Application/Petition;

To do and perform each and every act and thing whatsoever requisite and necessary or proper to
 be done in all matters affecting said Application/Petition, and with the same force and effect as though I
 were personally present and acting for myself;

I do hereby ratify and confirm all that my attorney shall do or cause to be done, by virtue of this
 power of attorney.

**Lake County Trust Company As Trustee
 Of Trust No. 5240, and not personally**

SEE SIGNATURE PAGE ATTACHED

STATE OF INDIANA)
)
 COUNTY OF LAKE)

By: _____

Printed Name: _____

Title: _____

Subscribed and sworn to before me a Notary Public in and for _____ said County
 and State came _____ and acknowledged
 the foregoing instrument this _____ day of November, 2013.

Commission Expires: _____
 Lake County Resident: _____

" is expressly understood and agreed by and between the parties hereto, anything herein to the contrary notwithstanding, that each and all of the warranties, indemnities, representations, covenants, undertakings and agreements herein made on the part of the Trustee while in form purporting to be the warranties, indemnities, representations, covenants, undertakings and agreements of said Trustee are nevertheless each and every one of them, made and intended not as personal warranties, indemnities, covenants, undertakings and agreements by the Trustee or for the purpose or with the intention of binding said Trustee personally but are made and intended for the purpose of binding only that portion of the trust property specifically described herein, and this instrument is executed and delivered by said Trustee not in its own right, but solely in the exercise of the powers conferred upon it as such Trustee; and that no personal liability or personal responsibility is assumed by nor shall at any time be asserted or enforceable against LAKE COUNTY TRUST COMPANY on account of this instrument or on account of any warranty, indemnity, representation, covenant, undertaking or agreement of the said Trustee in this instrument contained, either expressed or implied, all such personal liability, if any, being expressly waived and released.

This grant shall in no way affect or alter any agreement and/or contract between Lake County Trust Company and the beneficiary of the above noted trust.

It shall be known that this **Power of Attorney** is null and void pertaining to any other transactions other than the one described herein above.

IN WITNESS WHEREOF, LAKE COUNTY TRUST COMPANY, not personally but as Trustee as aforesaid, has caused these presents to be signed by its Trust Officer this 12th day of November, 2013.

LAKE COUNTY TRUST COMPANY, not personally but as Trustee under the provisions of a Trust Agreement dated March 15, 2001 and known as Trust No. 5240.

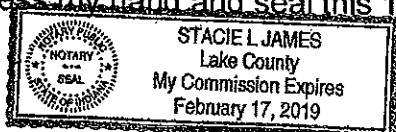
By:


Donna LaMere, Trust Officer


STATE OF INDIANA)
) SS:
COUNTY OF LAKE)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Donna LaMere, Trust Officer of the Lake County Trust Company, who acknowledged the execution of the foregoing instrument as the free and voluntary act of said corporation, and as her free and voluntary act, acting for such corporation as Trustee.

Witness my hand and seal this 12th day of November, 2013.



My Commission expires: 02-17-2019


Stacie L. James, Notary Public
Lake County, IN. resident

6-A-2
12-18-13
(Advisory and Special DB Only)
APPLICATION NO. 259-11-13-I-II-III

APPLICATION FOR PERMISSION TO PERFORM THE FOLLOWING TASK(S) WITHIN A
REGULATED DRAIN

[PLEASE CHECK THE APPROPRIATE BOX]

RECEIVED

NOV 04 2013

- ☒ I. WORK WITHIN A REGULATED DRAIN
- ☒ II. CONNECT/DISCHARGE INTO THE DRAIN/EASEMENT
- ☐ III. PLACE TEMPORARY/PERMANENT STRUCTURE IN THE DRAIN/EASEMENT
- ☐ IV. REDUCE EASEMENT FROM SEVENTY-FIVE (75) FEET

LAKE COUNTY SURVEYOR

TO THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY, INDIANA;

(Name) SINGLETON STONE, LLC

HEREINAFTER CALLED APPLICANT, HEREBY MAKES APPLICATION TO THE LAKE COUNTY DRAINAGE BOARD TO PERFORM THE ABOVE DESCRIBED ACTIVITY WITHIN A REGULATED DRAIN AND/OR THE EASEMENT FOR A REGULATED DRAIN WHICH IS PART OF THE DRAINAGE SYSTEM FOR LAKE COUNTY, INDIANA.

THE LOCATION IS AS FOLLOWS:

NAME OF WATERWAY: DINWIDDIE DITCH

SECTION(s): 36 TOWNSHIP: 33 N RANGE: 8 W

ADDRESS OR DESCRIPTION OF LOCATION The northwest corner of the intersection of Singleton Ditch and Clay Street.

THE REQUEST IS TO CONSIST OF THE FOLLOWING ACTIVITIES:

- Permit the
1. Discharge of Storm Water & Grading to Dinwiddie Ditch
 2. Excavation & Grading within the Dinwiddie Ditch Easement
 3. Compensatory Storage Plan for Floodplain Fill

THE PURPOSE OF THE REQUEST IS TO:

Permit a long term compensatory storage plan and drainage into the Dinwiddie Ditch associated with the development of a limestone quarry. The quarry and site stormwater management facilities will provide flood control during high water conditions in Dinwiddie Ditch.

1. THE APPLICANT HEREBY AGREES TO RESTORE THE LAND, DRAINAGE DITCHES AND ALL OTHER SURFACES AND/OR STRUCTURES WITHIN THE DITCH AND REGULATED DRAIN EASEMENT TO A CONDITION AS GOOD OR BETTER THAN THEY WERE PRIOR TO THE COMMENCEMENT OF THE WORK.

2. THE APPLICANT SHALL AND WILL INDEMNIFY AND HOLD HARMLESS ANY AND ALL COUNTY ENTITIES, INCLUDING BUT NOT LIMITED TO THE COUNTY OF LAKE, BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND/OR AGENTS FROM AND AGAINST ANY AND ALL DAMAGES, INJURIES, LOSSES, DEMANDS, OR COSTS PROXIMATELY CAUSED BY THE FAULT, CULPABILITY OR NEGLIGENCE OF THE APPLICANT IN THE PERFORMANCE OF THE PERMITTED WORK OVER AND ACROSS THE DRAINS OR DRAINAGE RIGHTS-OF-WAY UNDER THE JURISDICTION OF THE LAKE COUNTY DRAINAGE BOARD.

3. **IMPORTANT CLAUSE IN THIS PERMIT APPLICATION:** THE APPLICANT FURTHER AGREES TO NOTIFY THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR IN WRITING AT LEAST FIVE (5) DAYS IN ADVANCE OF THE COMMENCEMENT OF THE WORK DESCRIBED IN THIS APPLICATION, AND WILL ALSO GIVE NOTICE TO THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR THE DAY PRECEDING THE COMPLETION OF THE WORK. FAILURE TO PROVIDE SUCH NOTICE MAY CAUSE REVOCATION OF THE PERMIT(S) AND APPLICANT MAY INCUR PENALTIES. PLEASE SEND NOTICES TO: LAKE COUNTY DRAINAGE BOARD, ATTN: LAKE COUNTY DRAINAGE BOARD SECRETARY, 2293 N. MAIN STREET, CROWN POINT, IN 46307

4(a). THE APPLICANT AGREES TO AVOID CAUSING DAMAGE TO THE ESTABLISHED REGULATED DRAIN OR TO LANDOWNERS AFFECTED BY THE DRAIN, PURSUANT TO I.C.36-9-27-72(D).

4(b). FOR APPLICATIONS REGARDING THE PLACEMENT OF TEMPORARY STRUCTURES IN THE DRAIN'S EASEMENT (BOX III, PAGE 1), SUCH AS FENCES, TREES, GARDENS, SHEDS, ETC., THE APPLICANT UNDERSTANDS THAT, IF THE DRAINAGE BOARD GRANTS PERMISSION TO PLACE SAID TEMPORARY STRUCTURES WITHIN THE DRAINAGE EASEMENT, SAID PLACEMENT IS AT THE OWNER'S RISK. SHOULD THE COUNTY SURVEYOR/DRAINAGE BOARD, THEIR AGENTS, REPRESENTATIVES, CONTRACTORS OR OTHERS AT THE DIRECTION OF SAID COUNTY SURVEYOR/DRAINAGE BOARD, NEED ACCESS TO THE DRAIN OR EASEMENT AND THE STRUCTURE REQUIRES REMOVAL, THE OWNER SHALL REMOVE SAME AT THE OWNER'S EXPENSE. SHOULD THE OWNER FAIL TO REMOVE SAME IN A TIMELY FASHION, THEN THE COUNTY SURVEYOR/DRAINAGE BOARD SHALL CAUSE SAME TO BE REMOVED AND THE OWNER SHALL HAVE NO RECOURSE. AFTER COMPLETION OF THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S ACTIVITY, THE OWNER SHALL HAVE THE RIGHT TO REINSTALL THE TEMPORARY STRUCTURE IN COMPLIANCE WITH THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S REQUIREMENTS. THE COUNTY SURVEYOR/DRAINAGE BOARD MAY REQUIRE PAYMENT FROM THE OWNER FOR THE COST OF THE REMOVAL OR REPLACEMENT FOR ANY OF SAID ITEMS, PURSUANT TO STATUTE.

5. THE APPLICANT SHALL HAVE WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY STATE LAW.

6. THE APPLICANT SHALL PAY THE LAKE COUNTY SURVEYOR'S OFFICE AN APPLICATION FEE(S) PRIOR TO THE APPLICATION BEING CONSIDERED AT THE NEXT MONTHLY LAKE COUNTY DRAINAGE BOARD MEETING.

7. THE APPLICANT SHALL CARRY PUBLIC LIABILITY INSURANCE MEETING THE MAXIMUM DOLLAR LIMITS AS SPECIFIED IN I.C. 34-13-3-1 ET SEQ. OR ANY SUBSEQUENTLY ENACTED APPLICABLE STATUTES, AND SHALL LIST THE COUNTY OF LAKE, THE BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND AGENTS AS OTHER INSURED.

8. THIS PERMIT DOES NOT OBVIATE THE NEED TO OBTAIN ANY OTHER FEDERAL, STATE AND/OR LOCAL AUTHORIZATION, IF REQUIRED.

9 BY SUBMITTING THIS APPLICATION, THE APPLICANT HEREBY STATES THE FOLLOWING:


- A. THE PROPOSED WORK MEETS ALL HYDRAULIC REQUIREMENTS THAT WILL PERMIT THE DRAIN TO FUNCTION PROPERLY. (I.C. 36-9-37-72 (C)).
- B. THE REGULATED DRAIN IS ADEQUATE TO HANDLE THE ADDITIONAL FLOW OF WATER, IF ANY
- C. NO HARMFUL POLLUTION IS LIKELY TO RESULT. (I.C. 36-9-27-17(C)).

10. ENGINEERING PLANS, WHICH SUBSTANTIATE THE ABOVE STATEMENTS, MUST ACCOMPANY THIS APPLICATION. THESE PLANS MUST INCLUDE SUFFICIENT DETAIL TO ALLOW VERIFICATION OF THE ABOVE STATEMENTS. (THESE PLANS SHOULD GENERALLY INCLUDE DIMENSIONS, ELEVATIONS, CALCULATIONS, DESCRIPTIONS OR THE QUANTITIES AND TYPES OF MATERIAL TO BE USED, DISCHARGE CALCULATIONS AND OTHER RELEVANT INFORMATION.)

11. UPON COMPLETION OF THE WORK, "AS BUILT PLANS", SIGNED AND SEALED BY AN INDIANA REGISTERED PROFESSIONAL ENGINEER, SHALL BE FORWARDED TO THE LAKE COUNTY DRAINAGE BOARD WITHIN 30 DAYS.

12. THE DRAINAGE BOARD RESERVES THE RIGHT TO WAIVE ANY OF THE REQUIREMENTS STATED HEREON.

SUBMITTED: A. KEITH ROSE DATE: October 31, 2013
(PRINT OR TYPE NAME)


(SIGNATURE)

SUBMITTED FOR: SINGLETAL STONE, LLC

ADDRESS P.O. BOX 506
GOSHEN, IN 46527

PHONE#: 574-875-5183 EXT 20217

(THIS SECTION FOR DRAINAGE BOARD USE ONLY)

LAKE COUNTY DRAINAGE BOARD


Michael C. Repay, Chairman


Roosevelt Allen, Jr., Member


Richard McDevitt, Special Member

DATE: AUGUST 13, 2014 APPROVED: X DENIED: _____

SHOULD ANY APPLICATIONS BE SUBMITTED BY AN AGENT, CONSULTANT, ENGINEER, REPRESENTATIVE OR OTHERS PURPORTING TO ACT AS THE OWNER, THEN A POWER OF ATTORNEY SHALL BE DULY EXECUTED AND ATTACHED TO THESE APPLICATIONS. [SEE ATTACHMENT I]

APPROVAL SHALL BE VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF APPROVAL. SHOULD THE WORK AND ALL RELATED ACTIVITIES NOT BE COMPLETED BY THAT TIME, PETITIONER IS REQUIRED TO REAPPLY. SHOULD THE SCOPE OF WORK, PLANS AND SPECIFICATIONS, OR ACTIVITIES LISTED HEREIN BE MODIFIED, PETITIONER MUST NOTIFY THE LAKE COUNTY SURVEYOR AND THE DRAINAGE BOARD OF THESE MODIFICATIONS FOR REVIEW AND/OR APPROVAL/DENIAL BY THE COUNTY SURVEYOR/DRAINAGE BOARD.

"ATTACHMENT I"

IN THE MATTER OF: DINWIDDIE DITCH
 (Name of Regulated Drain)
ON 600 ACRES LOCATED AT THE NW CORNER OF CLAY STREET & THE
 (Location) SINGLETON DITCH

POWER OF ATTORNEY

(If Applicable)

That I, VAN KALKER FAMILY LIMITED, born _____, of
PARTNERSHIP JIM WIESER - WIESER & WYLLIE
 _____, Indiana, do hereby make, constitute and appoint JEFF BAW - DWG INC.
GENE YARKIE - REITH FLEY
KEITH ROSE - REITH FLEY _____, of _____, Indiana my true and
 lawful attorney-in-fact, for me and in my name, place and stead to exercise the following:

To represent me in all matters pertaining to the attached Application/Petition, before the
 Lake County Drainage Board;

To execute instruments required for said Application/Petition;

To do and perform each and every act and thing whatsoever requisite and necessary or proper to
 be done in all matters affecting said Application/Petition, and with the same force and effect as though I
 were personally present and acting for myself;

I do hereby ratify and confirm all that my attorney shall do or cause to be done, by virtue of this
 power of attorney.

**Van Kalker Family Limited Partnership,
 by Van Kalker Enterprises, Inc., its
 sole General Partner**

STATE OF INDIANA)
)
 COUNTY OF LAKE)

By: John E. Van Kalker
 John E. Van Kalker, President

Subscribed and sworn to before me a Notary Public in and for _____ said County
 and State came John E. Van Kalker, as President and acknowledged
 the foregoing instrument this 11th day of November 2013.

Commission Expires: November 25, 2016
 Lake County Resident: Lake

Glen R. Patterson



"ATTACHMENT I"

IN THE MATTER OF: DINWIDDIE DITCH
 (Name of Regulated Drain)

ON 600 ACRES LOCATED AT THE NW CORNER OF CLAY STREET
 (Location) & THE SINGLETON DITCH

LIMITED
POWER OF ATTORNEY

(If Applicable)

That I, LAKE COUNTY TRUST COMPANY, born _____, of
TRUST # 5240, Indiana, do hereby make, constitute and appoint JIM WIESER - WIESER & WYLLIE
GENE YARKIE - KEITH RILEY JEFF BARN DWA, INC.
KEITH ROSE - born KEITH RILEY of _____, Indiana my true and

lawful attorney-in-fact, for me and in my name, place and stead to exercise the following:

To represent me in all matters pertaining to the attached Application/Petition, before the
 Lake County Drainage Board;

To execute Instruments required for said Application/Petition;

To do and perform each and every act and thing whatsoever requisite and necessary or proper to
 be done in all matters affecting said Application/Petition, and with the same force and effect as though I
 were personally present and acting for myself;

I do hereby ratify and confirm all that my attorney shall do or cause to be done, by virtue of this
 power of attorney.

**Lake County Trust Company As Trustee
 Of Trust No. 5240, and not personally
 SEE SIGNATURE PAGE ATTACHED**

STATE OF INDIANA)
)
 COUNTY OF LAKE)

By: _____
 Printed Name: _____
 Title: _____

Subscribed and sworn to before me a Notary Public in and for _____ said County
 and State came _____ and acknowledged
 the foregoing instrument this _____ day of November, 2013.

Commission Expires: _____
 Lake County Resident: _____

It is expressly understood and agreed by and between the parties hereto, anything herein to the contrary notwithstanding, that each and all of the warranties, indemnities, representations, covenants, undertakings and agreements herein made on the part of the Trustee while in form purporting to be the warranties, indemnities, representations, covenants, undertakings and agreements of said Trustee are nevertheless each and every one of them, made and intended not as personal warranties, indemnities, covenants, undertakings and agreements by the Trustee or for the purpose or with the intention of binding said Trustee personally but are made and intended for the purpose of binding only that portion of the trust property specifically described herein, and this instrument is executed and delivered by said Trustee not in its own right, but solely in the exercise of the powers conferred upon it as such Trustee; and that no personal liability or personal responsibility is assumed by nor shall at any time be asserted or enforceable against LAKE COUNTY TRUST COMPANY on account of this instrument or on account of any warranty, indemnity, representation, covenant, undertaking or agreement of the said Trustee in this instrument contained, either expressed or implied, all such personal liability, if any, being expressly waived and released.

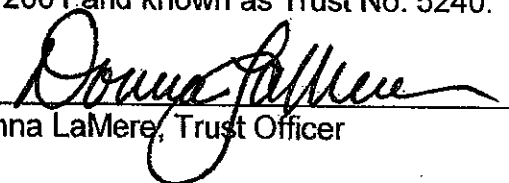
This grant shall in no way affect or alter any agreement and/or contract between Lake County Trust Company and the beneficiary of the above noted trust.

It shall be known that this **Power of Attorney** is null and void pertaining to any other transactions other than the one described herein above.

IN WITNESS WHEREOF, LAKE COUNTY TRUST COMPANY, not personally but as Trustee as aforesaid, has caused these presents to be signed by its Trust Officer this 12th day of November, 2013.

LAKE COUNTY TRUST COMPANY, not personally but as Trustee under the provisions of a Trust Agreement dated March 15, 2001 and known as Trust No. 5240.

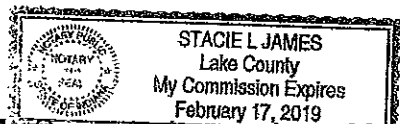
By:


Donna LaMere, Trust Officer

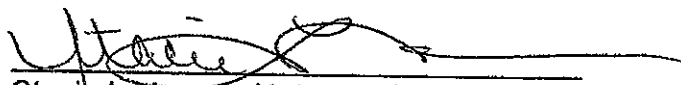
STATE OF INDIANA)
) SS:
COUNTY OF LAKE)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Donna LaMere, Trust Officer of the Lake County Trust Company, who acknowledged the execution of the foregoing instrument as the free and voluntary act of said corporation, and as her free and voluntary act, acting for such corporation as Trustee.

Witness my hand and seal this 12th day of November, 2013.



My Commission expires: 02-17-2019


Stacie L. James, Notary Public
Lake County, IN. resident

Attachment #1

This approval of the submitted application and plans is subject to and does not obviate the need for any other applicable federal, state and local permits and conditions contained therein, including but not limited to any IDEM approvals and construction permits. Any such approval or condition which substantially changes the approved plans and/or conditions set by the Lake County "Special" Drainage Board, as determined by said Board, may be subject to further review and action by said Board.

This approval is further subject to the conditions set forth by Lochmueller Group and DLZ, which conditions are contained in the attached documents, as well as execution of a Perpetual Maintenance Agreement, a sample of which is attached hereto and made a part hereof.

This approval is further subject to the applicant paying the final review fees.

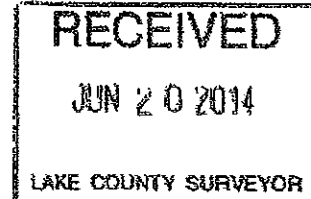
Attachments: Lochmueller Group Letter Dated June 20, 2014
Lochmueller Group Letter Dated June 10, 2014
Bernardin, Lochmueller & Associates, Inc. Letter Dated April 28, 2014
DLZ Letter Dated July 10, 2014
Perpetual Maintenance Agreement



June 20, 2014

Lake County Drainage Board

Mr. Bill Emerson, Jr., Lake County Surveyor
Lake County Government Center
2293 North Main Street
Crown Point, IN 46307



Re: Singleton Stone Quarry Permit Application
Eagle Creek Township, Lake County, Indiana

Dear Members of the Lake County Drainage Board and Mr. Emerson,

This letter constitutes an addition to my earlier review letter dated May 12th, 2014. In that letter, the following condition was offered: *"A means of ensuring that the quarry dewatering pumps are operated as per the Stormwater Management Report, prepared by URS Corporation, dated October 30, 2013, and revised April 9, 2014. According to this report, the pumping operation will only be allowed when the elevation of the Singleton Drain is between 637 and 642. The means of accomplishing this include an automatic pumps shut-off system and a recorder of pump run times as well as a recorder capable of monitoring the elevation of the Singleton Ditch. This data must then be submitted to the Lake County Surveyor on a regular basis. Please submit plans and specifications of this system."*

At a minimum, the automatic system shall include the necessary instrumentation for the Lake County Surveyor and Drainage Board to monitor these items (pump status, run times, water elevation in the Singleton Drain) in real time. This system shall be web-based with full access given to Lake County staff.

This review has been conducted using the Ordinance No. 1274A. If you have any questions, please do not hesitate to call (317) 222-3880.

Sincerely,
Lochmueller Group

A handwritten signature in black ink, appearing to read "Michael R. Gangstad".

Michael R. Gangstad, PE

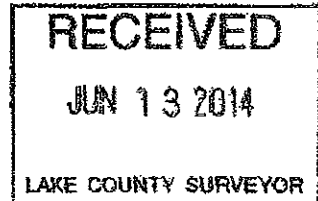
Cc: Dan Gossman – LCSO



June 10, 2014

Lake County Drainage Board

Mr. Bill Emerson, Jr., Lake County Surveyor
Lake County Government Center
2293 North Main Street
Crown Point, IN 46307



Re: Singleton Stone Quarry Permit Application
Eagle Creek Township, Lake County, Indiana

Dear Members of the Lake County Drainage Board and Mr. Emerson,

We received a revised set of plans and supporting documents dated April 9th, 2014 of the drainage board application to 1) Discharge water to the Singleton Ditch, 2) Excavate/Grade within the Singleton Ditch Easement, and 3) Provide for Compensatory Storage for Floodplain fill. The project is located in Lake County, Eagle Creek Township bounded by the Singleton Ditch on the south, I-65 on the west, Clay Street on the east and the 189th Avenue platted right-of-way on the north. The site for the construction is approximately 400 acres in land area. The proposed project consists of activities to provide for a mining operation.

This project submittal has undergone a complete engineering review by this office to determine its compatibility with the Stormwater Management and Clean Water Regulations Ordinance for Lake County, State, and Federal regulations. These reviews are dated February 4, 2014, April 28th, 2014, and May 12th, 2014 in which inconsistencies were indicated. The applicant has responded to all of the items in each of the engineering review requests and has agreed to meet all of the requirements. Therefore, there is no further exception taken to this application.

If you have any questions, please do not hesitate to call (317) 222-3880.

Sincerely,
Lochmueller Group

A handwritten signature in black ink, appearing to read 'Michael R. Gangstad'.

Michael R. Gangstad, PE

Cc: Dan Gossman – LCSO



BERNARDIN, LOCHMUELLER & ASSOCIATES, INC.

3502 Woodview Trace, Indianapolis, Indiana 46268
PHONE 317.222.3880 • TOLL FREE 888.830.6977 • FAX 317.222.3881

April 28, 2014

Lake County Drainage Board

Mr. Bill Emerson, Jr., Lake County Surveyor
Lake County Government Center
2293 North Main Street
Crown Point, IN 46307

Re: Singleton Stone Quarry Permit Application
Eagle Creek Township, Lake County, Indiana

Dear Members of the Lake County Drainage Board and Mr. Emerson,

We received a revised set of plans and supporting documents dated April 9th, 2014 of the drainage board application to 1) Discharge water to the Singleton Ditch, 2) Excavate/Grade within the Singleton Ditch Easement, and 3) Provide for Compensatory Storage for Floodplain fill. The project is located in Lake County, Eagle Creek Township bounded by the Singleton Ditch on the south, I-65 on the west, Clay Street on the east and the 189th Avenue platted right-of-way on the north. The site for the construction is approximately 400 acres in land area. The project consists of activities to provide for a mining operation.

This constitutes the second review of this permit application. Note that all comments/requests must be satisfactorily addressed prior to approval by the LCSO and the Drainage Board. The following comments/requests are offered:

- Acceptable Outlet and Adjoining Property Impact Policies:
 - Outlets to the regulated drains must provide adequate permanent erosion control measures (i.e. rip-rap, spillways, etc.). The revised plans indicate the use of Scourstop Transition Mats for the outfalls for various pipes. Please provide documentation and calculations to verify that this design will be adequate to ensure that the integrity of the Singleton Drain will not be reduced.
- Refer to any additional reviews by Frank Stewart, P.E. for further comments/requests.
- An Environmental Report, dated March 24, 2014, was conducted by Cardno JFNew.
 - Multiple potential wetlands were described. A wetland delineation must be conducted to verify. Note Chapter Six of the Lake County Stormwater Management and Clean Water Regulations Ordinance.



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- At the time of the investigation, no endangered, threatened, or rare plant or animal species, nor their habitats, were observed. Please provide proof of coordination with State and Federal agencies.
- Permitting requirements: IDEM NPDES, 401 and U.S. Army Corps. of Engineers 404 permits will need to be obtained.
 - IC 36-9-27-23(c) indicates that "The board shall deny a connection request whenever the approval of the department of environmental management is required and is not obtained." Please provide confirmation from IDEM verifying permit requirements.
 - Chapter Six of the Lake County Stormwater Management and Clean Water Regulations Ordinance states: "No building permit shall be issued and no land disturbance started for any construction in a development, as defined in Appendix A, identified as containing wetlands until the owner thereof has obtained all required state and federal permits or releases related to the dredging or filling of wetlands." As stated above, please provide a wetland delineation and coordination response from IDEM.

If you have any questions, please do not hesitate to call (317) 222-3880.

Sincerely,
Bernardin, Lochmueller & Associates

Michael R. Gangstad, PE

Cc: Dan Gossman – LCSO
File

Attachment



BERNARDIN, LOCHMUELLER & ASSOCIATES, INC.

3502 Woodview Trace, Indianapolis, Indiana 46268
PHONE 317.222.3880 • TOLL FREE 888.830.6977 • FAX 317.222.3881

February 4, 2014

Lake County Drainage Board

Mr. Bill Emerson, Jr., Lake County Surveyor
Lake County Government Center
2293 North Main Street
Crown Point, IN 46307

Re: Singleton Stone Quarry Permit Application
Eagle Creek Township, Lake County, Indiana

Dear Members of the Lake County Drainage Board and Mr. Emerson,

We received a copy of the drainage board application requesting a review of the permit request dated October 31, 2013 to 1) Discharge water to the Singleton Ditch, 2) Excavate/Grade within the Singleton Ditch Easement, and 3) Provide for Compensatory Storage for Floodplain fill. The project is located in Lake County, Eagle Creek Township bounded by the Singleton Ditch on the south, I-65 on the west, Clay Street on the east and the 189th Avenue platted right-of-way on the north. The site for the construction is approximately 400 acres in land area. The project consists of activities to provide for a mining operation.

Attached is my detailed review of the project as submitted. Note that all comments/requests must be satisfactorily addressed prior to approval by the LCSO and the Drainage Board. In summary, the following comments/requests are offered. Note that this is not a complete list. Refer to the Review Report for details:

- There is no indication of the 100-year flood elevation. Indicate the flood elevation at the proposed structures as shown on the plan sheets.
- HEC-RAS findings-- hydraulic computations did not consider the 72-inch culvert at a field road crossing of the Dinwiddie Ditch 1,800 feet north of the Dinwiddie-Singleton confluence. That culvert should be considered.
- Acceptable Outlet and Adjoining Property Impact Policies:
 - Outlets to the regulated drains must provide adequate permanent erosion control measures (i.e. rip-rap, spillways, etc.). The plans do not indicate any measures. Indicate bank protection (material, quantity, etc.) at all outfalls to the regulated drain.
 - The plans as submitted do not indicate all of the existing ditches/outfalls upstream of the Singleton Drain and on the property.



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DETAILED ENGINEERING REVIEW

SINGLETON STONE QUARRY PROJECT

ORDINANCE

Lake County Drainage Board

Ordinance No. 1365C

Stormwater Management and Clean Water Regulations Ordinance for Lake County, Indiana

Chapter 1: General Information

- Establishment of Authority and Title of the Lake County Drainage Board to regulate and manage storm water quality and quantity.
- Responsibility to address issues to protect the public health, existing water uses, and aquatic biota for the benefit of the citizens of Lake County, Indiana.
- Regulation of all development and redevelopment occurring within unincorporated Lake County, Indiana, as well as regulated drains located within Lake County falling under the jurisdiction of the Lake County government.
- Purpose of this Ordinance: provide for the health, safety, and general welfare of the citizens of Lake County through the regulation of stormwater and non-stormwater discharges to the storm drainage system and to protect, conserve and promote the orderly development of land and water resources within unincorporated Lake County.

Chapter 2: Prohibited Discharges and Connections

- No person shall discharge to a stormwater conveyance any substance other than stormwater or an exempted discharge.
- Uncontaminated, pumped groundwater is not a prohibited discharge into the stormwater drainage system. The discharge as is proposed by this mining operation project, may/will be considered contaminated. Refer to IC 36-9-27-23.

Chapter 3: Stormwater Quantity Management



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- HEC-RAS modelling of the Dinwiddie Ditch does not consider the farm road crossing (72-inch culvert) that presently exists about 1,800 feet north of the Dinwiddie confluence with the Singleton Ditch but should be considered.
- Detention computations (HEC-HMS) indicate that the 0.2 cfs/acre allowable discharge for developed sites will be met.
- Stormwater Technical Report. The hydrologic computations (HEC-HMS) must be submitted for review (Chapter 2. B. ii. f of the *Lake County Stormwater Technical Standards*). Although a summary of the computations hydrologic computations was submitted in Section of 2 and in Appendix 4 of the *Singleton Stone Quarry Stormwater Management Report*, the actual hydrologic computations were not submitted.
- Resolve differences between the hydraulic computations submitted in the HEC-RAS model and the tables in Appendix 6 and 7.
- Sign and seal the revised *Stormwater Management Report* (Chapter 2. B. iii. f of the *Lake County Stormwater Technical Standards*).
- Safety Fence. A safety fence is required around detention ponds unless the gradual side slopes and safety ledges are provided (Chapter 7. D. 2 of the *Lake County Stormwater Technical Standards*). Submitted drawings do not show a safety fence along the south side of Basin 3. Please correct and update the drawings.
- Detention Facilities in Floodplains: Ordinarily the rim detention facilities in floodplains must be above the base flood elevation (Chapter 7. D. 2 of the *Lake County Stormwater Technical Standards*). However, the lower spillways for the Singleton quarry are more protective of the public and neighboring properties and are allowed.
- The plans as submitted do not indicate all of the existing ditches/outfalls upstream of the Singleton Drain and on the property.



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- Outlets to the regulated drains must provide adequate permanent erosion control measures (i.e. rip-rap, spillways, etc.). The plans do not indicate any measures. Revise plans and resubmit.

Chapter 6: Development in Wetlands Regulations

- It is the public policy of Lake County to preserve, protect, and conserve freshwater wetlands, and the benefits derived wherefrom, to prevent the despoliation and destruction of freshwater wetlands, and to regulate use and development of such wetlands to secure the natural benefits of freshwater wetlands, consistent with the general welfare and beneficial to economic, social, and agricultural development of Lake County.
- No wetlands have been identified as a part of the submittals.
- There are indications of potential sensitive areas from aerial observations. Submit wetland delineation as a part of the Environmental Report (see Terms and Conditions review section below for ER format).

Chapter 7: Permit Requirements and Procedures

- Permit Procedures: This section applies to all development, or re-development of land, that results in land disturbance within unincorporated Lake County. This project, therefore, is subject to the requirements of this chapter.
- Information Requirements: Refer to Ordinance "Stormwater Checklist" for complete submittal requirements. In summary:
 - Initial Notice of Intent. Submitted
 - Construction Plans. Submitted
 - Stormwater Drainage Technical Report. Submitted
 - Stormwater Pollution Prevention Plan for Construction Sites. Submitted
 - Post-Construction Stormwater Pollution Prevention Plan. Submitted
- Review of Individual Lots within a Permitted Project: Not applicable for this project.



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- Determination of Impact Drainage Areas: A floodway or floodplain as designated by the most updated Lake County Code dealing with floodplain regulation. This project, therefore, is subject to the requirements of this section.
- Certification of As-Built Plans: After completion of construction of the project and before final project acceptance of the stormwater management plan (the issuance of a "verified" NOT), a professionally prepared and certified 'as-built' set of plans by a Professional Engineer or licensed Land Surveyor registered in the State of Indiana shall be submitted to the Lake County Surveyor for review.

Chapter 8: Enforcement

- Compliance with the requirements for this section of the ordinance is necessary.
- Penalties for Violations: as summarized in the Ordinance.
- Stop Work Order: If land disturbance or impact activities are conducted contrary to the provisions of this Ordinance or accepted final stormwater management plans, the Lake County Plan Commission or the Lake County Surveyor's Office may order the work stopped. Refer to Ordinance.
- Failure to Comply or Complete: as summarized in the Ordinance.
- Suspension of Access to the Storm Drain System: as summarized in the Ordinance.
- Corrective Action: as summarized in the Ordinance.
- Appeals: as summarized in the Ordinance.

PERMITTING REQUIREMENTS:

- Summary of permits as indicated by the applicant:
 - **Lake County Drainage Board** – Work within the Singleton Ditch County
Regulated Drain and fill within a Flood Plain / Permit Applied and In Review



BERNARDIN, LOCHMUELLER & ASSOCIATES, INC.

3502 Woodview Trace, Indianapolis, Indiana 46268
PHONE 317.222.3880 • TOLL FREE 888.830.6977 • FAX 317.222.3881

- **U.S. Army Corps. of Engineers Section 404 permit.** Required for projects that impact Waters of the U.S. Such features are present on the site (i.e. irrigation/drainage ditches).

INDIANA CODE

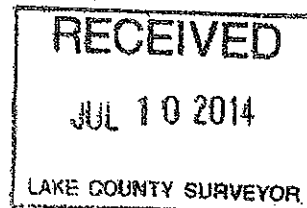
- **IC 36-9-27-23(c):** "The board shall deny a connection request whenever the approval of the department of environmental management is required and is not obtained."
 - As summarized in the Permitting Requirements of this review, IDEM approval may/will need to be obtained (NPDES and 401 permits).
 - Please provide confirmation of IDEM verifying permit requirements.



DLZ INDIANA, INC.
Offices Throughout The Midwest
www.dlzc corp.com

FACSIMILE / EMAIL TRANSMISSION COVER SHEET

Date: July 10, 2014
To: Bill Emerson, Jr., Lake County Surveyor
Organization: Lake County Surveyor's Office
Phone: 219-755-3745
Fax: 219-755-3750
From: Frank Stewart



Number of Pages Transmitted Including This Page: 1

If there is any difficulty encountered with this transmission, please call (317) 633-4120

Project: Singleton Quarry (1060 Con't)
Subject: Drainage review of above reference project

Dear Mr. Emerson,

DLZ Indiana, LLC (DLZ) has reviewed the initial plans, response to comments and revised plans for the above referenced project at the direction of the Lake County Surveyor's Office (LCSO). The reviewed was requested to determine compliance with the Lake County Ordinance 1274A (the Ordinance). The review was primarily conducted with consideration to the overall project release rate and impacts on the existing storm conveyance system.

DLZ concludes the final plans, studies / reports and responses provided to DLZ with respect to this project will satisfactorily meet the ordinance standards when constructed. DLZ recommends consideration for approval.

ENGINEERS ARCHITECTS SCIENTISTS PLANNERS SURVEYORS

36 S. Pennsylvania 360 Century Building Indianapolis Indiana 46204 Phone 317/633-4120 Fax 317/633-4177

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JUL 23 2014

LAKE COUNTY SURVEYOR

Singleton Stone Limestone Quarry
Lake County, Indiana

Site Stormwater & Ground Water Discharge Monitoring System

Design Narrative

The Singleton Stone Limestone Quarry Production Area is located on 280 acres and is directly north and adjacent to the Singleton Ditch and directly east and adjacent to the Dinwiddie Ditch. The 280 acre Production Area site is designed with a single discharge point to the Singleton Ditch at the southwest corner of the Production Area site. All stormwater and groundwater discharges from the Production Area site enter the Singleton Ditch at its southwest corner.

The site stormwater management system has been designed to limit stormwater discharges during certain high water conditions within the banks of the Singleton Ditch. Monitoring the instantaneous water level conditions of the Singleton Ditch will define the operational stormwater and groundwater discharges into the Singleton Ditch. As the water level conditions are electronically monitored, the pumping and discharge systems will be electronically signaled to turn on when the water flow elevation of the Singleton Ditch is below elevation 642.00 and will be electronically signaled to turn off when the water flow elevation of the Singleton Ditch exceeds elevation 642.0.

The monitoring and control system to limit the discharge of water to the Singleton Ditch during certain high flow conditions consists of the following 3 components:

1. Singleton Ditch Monitoring System
2. Ground Water Pump Operations Monitoring and Control System
3. Discharge Automated Control Valve Monitoring and Control System

The Singleton Ditch will be equipped with a visual stream level rod and a water level monitoring well with an electronic level transducer installed within the water level monitoring well. The monitoring well will be located within the north bank of the Singleton Ditch for ease of access. The stream level rod and monitoring well will be located within 50-foot of the production area site stormwater discharge point. The transducer will signal a data logger of the instantaneous water level of the Singleton Ditch and the water level information transmitted to a central data collector within the production area site administrative building.

The Ground Water Pump System will be equipped with a Programmable Logic Controller that will monitor the pump on and off conditions while giving the quarry operators the ability to control pumps to be on and off based on specified conditions. The pump PLC will be set to turn the pumps off when the water level monitoring data logger signals the Singleton Ditch water level has risen above 642.0. The Pumps will remain in the off condition until the data logger signals the PLC that the Singleton Ditch water level has receded to below 642.0. When the water level in the Singleton Ditch falls below 642.0, the PLC will turn the groundwater pumps on.

QFIV 7 11

The pump on and off condition will be monitored and transmitted to the data collector located within the production area administrative building.

The discharge pipe is proposed to be equipped with an automated electronic motorized control valve to further regulate stormwater and ground water discharges to the Singleton Ditch. The control valve motor will be set up with a Programmable Logic Controller that will monitor the valve open and closed conditions while giving the quarry operators the ability to control the valve open and closed condition. The control valve motor PLC will be set to shut the valve off when the water level monitoring data logger signals the Singleton Ditch water level has risen above 642.0. The valve will remain in the closed condition until the data logger signals the PLC that the Singleton Ditch water level has receded to below 642.0. When the water level in the Singleton Ditch falls below 642.0, the PLC will open the automated control valve.

The valve open and closed condition will be monitored and transmitted to the data collector located within the production area administrative building.

A telemetry communication system will be designed to send the information collected at the quarry site and forwarded to the Lake County Surveyor's Office computer network. Specific software will be written to place the following information on the Lake County Surveyor's computer network:

1. Instantaneous Water Level of the Singleton Ditch at the point of discharge
2. Monitoring of the ground water pumping system On / Off Condition
3. Monitoring of the stormwater and groundwater discharge point control valve Open / Close Condition

PERPETUAL MAINTENANCE
AGREEMENT

I (We), the undersigned Owner(s) of adjacent lands (hereinafter referred to as "OWNERS"), hereby acknowledge that _____
(Name of Drain)

is a regulated drain under the jurisdiction of the LAKE COUNTY DRAINAGE BOARD (hereinafter referred to as "BOARD"), and do hereby agree, acknowledge and promise to perform periodic maintenance or as directed by said BOARD on said drain in perpetuity. Such maintenance shall include sediment removal; trash/debris removal; tree/brush cutting and removal, and/or any other such items of maintenance as directed by the BOARD. Such maintenance shall be at no cost to the BOARD.

It shall be the responsibility of the owner to obtain any permits that may be required for items of maintenance mentioned above (Federal, State, Local) and said owner shall notify the BOARD five (5) days in advance, in writing, of the intended starting date of its activities.

Should the owner(s) of the subject real estate/regulated drain fail to comply with this Agreement to perpetually maintain the regulated drain at such periodic times and/or as directed by the BOARD, said Board shall move to cause such maintenance and with reasonable compensation afforded to its Contractor, shall assess, by proportion, the owner(s) thereof. If the Board is not reimbursed within 365 days from the date of assessment notice, the Board shall attach a lien to any/all real estate therein affected.

AGREED to and acknowledged this _____ day of _____, '____.

By: _____
Owner of Real Estate

Owner of Real Estate

Property Key Number

STATE OF INDIANA)
) SS:
COUNTY OF LAKE)

Subscribed and sworn to before me a Notary Public in and for said County and State came _____ and acknowledged the foregoing instrument this _____ day of _____, 200____.

Notary Public

(Printed Name)

**PUBLISHER'S AFFIDAVIT
PROOF OF PUBLICATION**

ACCOUNT # 100114343

DVG INC.

0000709386

\$59.50

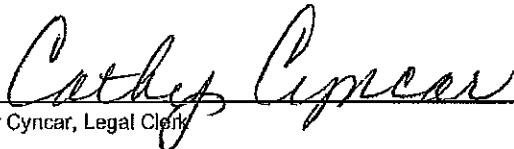
STATE OF INDIANA
COUNTY OF LAKE SS:

I, Cathy Cyncar, LEGAL CLERK of the Post-Tribune Company, PUBLISHERS OF THE POST-TRIBUNE, A DAILY newspaper published in MERRILLVILLE, in said county and state, state that the notice of which the annexed is true copy and was published in said paper

On the 2nd day of January 2014

**IDEM Rule 5 NOI Public
Notice**

Singleton Stone, LLC, P.O. Box 506, Goshen, Indiana 46527 is submitting an IDEM Rule 5 Notice of Intent (NOI) letter to notify the Lake County Drainage Board and/or the Lake County Surveyor and the Indiana Department of Environmental Management of our intent to comply with the requirements of the Lake County Stormwater Management Ordinance No. 1365C, as well as the requirements of 327 IAC 15-5 and 327 IAC 15-13, to discharge stormwater from construction activities for the following project: Singleton Stone Quarry, 18900 Clay Street, in unincorporated Lake County, Indiana (West Side of Clay Street north of the Singleton Ditch), parcel number 46-20-36-100-001.000-012. Run-off from the project site will discharge into the Singleton Ditch and the Dinwiddie Ditch. 1/2/14 #709386 HSPAXLP


Cathy Cyncar, Legal Clerk

DVG INC.
11065 BROADWAY STE D
CROWN POINT, IN 46307

THIS DOCUMENT HAS A COLORED BACKGROUND AND MICROPRINTING. THE REVERSE SIDE INCLUDES AN ARTIFICIAL WATERMARK

DVG Inc.
11065 Broadway, Suite D
Crown Point, IN 46307
219-662-7710

Centier Bank
117 E Joliet St
Crown Point, IN 46307
219-663-5100

7474

Date 9/18/14

Pay to the
Order of IDEM

71-287719

\$ **100.00

One Hundred and 00/100***** Dollars

IDEM
Office of Water Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

Memo Rule 5 NOI - Singleton Stone Quarry

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DVG Inc.
IDEM

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11065 Broadway, Suite D
Crown Point, IN 46307



219.662.7710
fax 219.662.2740

OFFICE OF
WATER QUALITY

2015 MAR 10 AM 11:20

March 5, 2015

IDEM, Office of Water Quality
Attention: Storm Water Program
100 North Senate Avenue
IGCN Room 1255
Indianapolis, IN 46204

Subject: Singleton Stone Quarry
Lake County, Indiana
Rule 5 NOI

To Whom It May Concern:

Enclosed please find the NOI Letter (State Form #47487) for the Singleton Stone Quarry project located at 18900 Clay Street at the northwest corner of Clay Street and the Singleton Ditch in Lake County, Indiana. As a part of complying with the Storm Water General Permit Rule 5: Storm Water Discharges Associated with Construction Activity, enclosed are the following items:

1. NOI Letter – Form #47487 – signed original
2. Local Plan Approval
3. Proof of Publication – Legal Ad
4. \$100 Check

If you should have any questions, please contact our office at 219-662-7710.

Very truly yours,

DVG Inc.

Bill Laird
Project Manager